



**SPECIAL PROVISIONS
FOR
ALUMINUM LANDSCAPE EDGING**

**Butler County
HDP-014-7(036)--3C-12**

**Effective Date
May 15, 2012**

THE STANDARD SPECIFICATIONS, SERIES 2009, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

090208.01 GENERAL.

A. Description of Work.

This work includes all labor, materials, tools, equipment, and supervision required to furnish and install commercial grade ALUMINUM LANDSCAPE EDGING as indicated in the plans and specified herein.

B. Action Submittals.

1. Submit product data and manufacturer's instructions for Aluminum Landscape Edging (note quantities per box on inside of brochure).

2. Samples for Verification.

Two 4 inch long samples of edging representing actual product and color.

C. Delivery, Storage, And Handling.

1. Packaged Materials: Deliver packaged materials in original, unopened containers showing contents, name and address of manufacturer.

2. Coordinate delivery directly with manufacturer or authorized distributor of edging. Material shall be ordered and accepted in original shipping cartons of standard size.

3. Deliver, store and handle edging, its accessories and other associated material to prevent damage and deterioration.

4. Upon receipt at the job site, all materials shall be checked to ensure that no damaged occurred during shipping or handling.

5. Materials shall be stored in such a manner as to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism, and theft. Any damaged, deteriorated or stolen pieces shall be replaced by Contractor at no additional cost.

D. Warranty.

Fifteen year limited material warranty for landscape edging form manufacturing defects in workmanship or material.

090208.02 MATERIALS.

Aluminum Edging: Commercial grade, standard-profile extruded-aluminum edging, ASTM B 221, Alloy 6063-T6, fabricated in standard lengths with interlocking sections with loops stamped from face of sections to receive stakes. Interlocking system and stake punch outs fabricated approximately 2 to 3 feet apart along its length.

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - Permaloc Corporation – Holland, Michigan
 - Curve-Rite, Inc. – Wayland, Michigan
 - Sure-loc Corporation – Holland, Michigan
- B. Edging Size: 3/16 inch thick by 5 1/2 inches deep.
- C. Stakes: Aluminum, ASTM B 221, Alloy 6061-T6, approximately 1 1/2 inches wide by 12 inches long, secured 1/2 inch below top of edging, and locked into place. Stakes to be placed on inside of bed areas.
- D. Finish: Black anodized; Finish shall comply with AAMA 2603 for electrostatically baked on paint.
- E. Locking System: Sections to lock together without offset or double thickness at the joints and secured with two 12 inch stakes at every joint.

090208.03 CONSTRUCTION.

A. Preparation.

Ensure that all underground utility lines are located and will not interfere with the proposed edging installation before beginning work. Locate border line of edging with string or other means to assure border straightness and curves as designed. Dig trench 1 inch deeper than set of edging bottom.

B. Installation.

1. Edge where noted on layout plans. Using a spade or mechanical trencher, cut a trench along area to be defined to depth so top of edging is 1/2 inch above finished grade on turf side.
2. Set edging into trench with top at 1/2 inch above finish grade on turf side with side having loops for stakes placed on opposite side of turf (towards planting bed). Drive stakes through edging loops until locked into place. Place five stakes evenly spaced for each 16 foot section, or three stakes evenly spaced for each 8 foot section. Stakes are to lock 1/2 inch below top of edging and to be placed in every available pocket. Provide additional stakes at approximately 24 inches apart as necessary to firmly secure edging for permanent intended use.
3. Where edging sections turn at corners and at angled runs, cut edging partially up through its height from bottom and turn back to desired angle to form rounded exposed radius.

4. Use supplied end stake adapters at all start/stop points as well as to splice pieces of cut edging together.
5. Backfilling and Cleanup: Backfill both sides of edging, confirm and adjust if necessary that sections are securely held together, and compact backfill material along edging to provide top of edging at 1/2 inch above turf finish grade. Clean up and remove excess material from site.

090208.04 METHOD OF MEASUREMENT.

The Engineer will measure the length of installed and accepted edging. Unit of measure will be LINEAR FEET (LF), in the locations shown in the contract documents, to the nearest 0.5 lineal foot.

090208.05 BASIS OF PAYMENT.

- A. The Contractor will be paid the contract unit price per LINEAL FOOT for ALUMINUM LANDSCAPE EDGING. This payment shall be full compensation for furnishing all tools, equipment, labor, materials, field staking, and supervision required to furnish and install.
- B. The Unit price will include, but may not be limited to, trenching, material and installation of aluminum edging, backfilling, and other materials and labor required to furnish and install complete and acceptable aluminum edging in accordance with contract documents.